Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 12 Jun 2023 until 23:59 on Tuesday 13 Jun 2023

Forecast Issued on Monday 12 Jun 2023 at 02:43

Confidence: High confidence for hot, humid and thundery weather pattern, changing to a more settled and drier picture by the end of the week. Low to moderate confidence for precise location and distribution of thunderstorms.

Headline for Monday 12 Jun 2023: Fine with sunshine during the morning, eventually sparking risk of thundery downpours. Very warm and humid.

Mountain weather hazards on Monday 12 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny intervals	Sunny intervals	Heavy rain showers	Cloudy
Precipitation probability					
00%	<05%	20%	30%	50%	20%

Forecast for Monday 12 Jun 2023

Weather: A fine and dry start to the day with some ragged cloud in places. Sunny for much of the morning but soon becoming very warm, with this exacerbated by the humidity. Thundery showers are likely to develop sooner than on previous days, with these again slow-moving and torrential locally. The threat of these showers should ease during the evening to leave drier conditions, perhaps with valley mist and fog locally.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Perhaps some local mist in valleys first thing and perhaps some ragged cloud below 500m, but soon clearing. Sharp and locally lasting visibility deteriorations are likely in thundery showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 12 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/17 E	13/17 E	10/16 E	11/16 E	12/18 E	10/14 E	13/19 E
300	5/7 NE	10/13 E	9/15 E	7/12 E	10/16 SE	7/11 E	8/15 E
Valley	7/16 E	9/16 E	9/16 E	7/14 E	6/13 SE	7/13 E	10/19 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/16	18/16	21/19	22/20	20/18	18/16	16/14
300	18/18	21/20	24/22	25/24	22/21	20/19	18/16
Valley	19/18	22/21	25/24	26/25	23/23	20/19	18/17
Freezing Level*	2800m	2600m	2700m	3100m	3200m	3200m	3100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

With very high UV levels it is important to be prepared by wearing and taking plenty of protective wear. With further warm weather and high humidity levels, plenty of water will be required as lengthy exposure to strong sunshine and high temperatures can cause exhaustion and dehydration. During the afternoon, heavy and thundery showers may cause gusty winds for a time, and slippery paths and surfaces as well as runoff, so take care while hiking.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 11 Jun 2023	0mm	0mm	0mm

Forecast for Tuesday 13 Jun 2023

Weather: Remaining showers soon fading in the early hours to leave the Park dry by dawn, perhaps with some local valley mist. A drier, brighter and markedly less humid-feeling day is then expected, with lengthy sunny periods. The UV index will again be high, and with a much-reduced threat of showers, this is likely to be the main hazard. Staying fine during the evening, but with the wind picking up appreciably.

Maximum wind: Increasing southeasterly 30mph.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Cloud probably clear of tops throughout. Visibility unimpeded throughout.

Temperature: **Valleys:** Plus 16 becoming 27 degrees Celsius.
At 600m: Plus 18 Celsius.
Freezing level: Well above the peaks.

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